

## Removal of Unit 1



Biological shielding is removed and guides are disassembled prior to removing the Unit 1 cold source.

The bear trap is placed on special stanchions (white) to avoid misaligning the neutron guide stanchions (blue).



The "bear trap" transport device is moved into place to remove Unit 1.

## Installation of Unit 2



Unit 2, the new cold source assembly, is moved into place (above) and rides a track (right) into the cold source thimble.

Connections to hydrogen condenser are welded into place.



## Cold Source Replacement



Enclosed Unit 1 is moved (left) to storage area and aligned (below) with "winter bear den" under the watchful eye of NCNR director Mike Rowe.



"Bear trap loaded with bear" (Unit 1) is guided toward exit for placement on a truck bed.



Unit 1 is sealed in storage.



New guide tube assembly is prepared for placement.



Guide tube parts are aligned.